Technical Specifications

Dimensions

- 1.25" x 8.5" x 4.75" (HxWxD)
- 3.2cm x 21.6cm x 12.1cm (HxWxD)

Weight

- 1.0 lbs (0.45 kg)

Power

- DC Input:
  - 15 Watts
  - 0.3A @ -48VDC
- AC Supply (optional):
  - 100-240VAC, 50/60Hz
  - 48VDC, 0.42A

Interfaces

- 8 x T1 RJ48C 8-position jack
- 4 x 10/100 Ethernet RJ45

Standards Support

- NEBS Level 1
- MEF 9/14 (EVPL and E-LAN)
- GR-063-CORE
- GR-1089-CORE
- IEEE 802.3 Ethernet
- IEEE 802.1p Priorities
- IEEE 802.1Q VLAN
- IEEE 802.1p QoS, DiffServ, TOS

Protocol Support

- Transparent 802.1D Bridging
- T1 Frame Type: ESF, SF
- T1 Line Code: B8ZS, AMI
- Internet Protocol
- Loop Bonding

Management

- SNMP
- CLI
- Web Based Management

Bandwidth/Distance

- Up to 1.5 Mbps per T1 port
- Up to 8-T1 Bonded circuits (up to 12 Mbps)
- Selectable FT1 Support: 192, 384, 576, 768, 960, 1152, 1344, 1536Kbps
- Unlimited Distances (using clear-channel, T1 repeaters)

Regulatory Compliance

- EMC: FCC Part 15; ICES-003; EN 300 386-2
- Safety: UL1950, CSA C22.2 No. 950; EN60950; IEC950; CE Marking

Operating Requirements

- Temperature: -40°F to 158°F (-40°C to 70°C)
- Non-operating: -40ºF to 158ºF (-40ºC to 70ºC)
- Humidity: 5% to 95%, non-condensing
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

8-Port T1 Network Extenders - Single Units

TNE1584-S-DC	8-Port T1 Network Extender Subscriber Unit for -48VDC
TNE1584-S-AC	8-Port T1 Network Extender Subscriber Unit with North American Power Supply
TNE1584-P-DC	8-Port T1 Network Extender Provider Unit for -48VDC
TNE1584-P-AC	8-Port T1 Network Extender Provider Unit with North American Power Supply

8-Port T1 Network Extender Kits

TNE1584-KIT-DC	8-Port T1 Kit Includes (1) TNE1584-S and (1) TNE1584-P Unit for -48VDC power
TNE1584-KIT-AC	8-Port T1 Kit Includes (1) TNE1584-S and (1) TNE1584-P with North American Power Supplies

Optional 19/23-inch Rack Mount Kit

NETEXT-RMT-KIT	Net Ext, Rack Mount Tray, TNE15X4/ENE20X4, ETHX22X4/ETHX21XX, SNE2040G